

Amendments to the Abstract:

Please replace the previous Abstract with the following redlined Abstract:

Please cancel the previous Abstract and replace it with the following rewritten abstract.

A method for determining the recording power of a laser beam so that jitter from a reproduced signal obtained by reproducing data recorded in a data rewritable type optical recording medium can be controlled within a tolerance even when cross erasing of data occurs, the reproduced signal having the highest obtainable level. The power of a laser beam is measured for each level of the recording power of the laser beam. Critical parameters are also calculated for each level of the recording power of the laser beam. The critical parameters are projected onto a data rewritable type optical recording medium for recording data therein. A data recording apparatus storing a critical parameter used for determining the power of a laser beam is associated with ID data for identifying the kind of optical recording medium. A data recording apparatus storing an optimum recording power used for determining the power of a laser beam is also associated with ID data for identifying the kind of optical recording medium.